## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	79	((aligned or parallel) with graphit\$3 with plane with (domain or basal))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:04
L2	23	1 and @rlad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:05
L3	62	1 and @ad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:05
L4	66	2 3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:05
L5	26	4 and (fiber or fibre or nanofiber)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:05
L6	33	4 and (fiber or fibre or nanofiber or filament)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:05
L7	2	4 and (prosthetic or heart)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:05
L8	16	4 and (prosthetic or heart or implant or valve)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:06
L9	4	4 and (prosthetic or heart or implant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:06
L10	7	4 and (prosthetic or heart or implant or medical)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:15
L11	3	10 not 9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:15
L12	29	6 not 10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 12:19
L13	1	"5123918".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 13:14
L14	1	"4923465".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 13:45

L15	17	("3546711"   "4011601"   "4123805"   "4159543"   "4451937"   "4488318"   "4775378"   "4799930").PN. OR ("4923465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 13:45
L16	2	"6579833".pn. or "6261421". pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 14:36
L <b>17</b>	3	((aligned or parallel or oriented) with graphit\$3) and 623/2.\$2.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 14:48
L18	50	623/2.\$2.ccls. and (graphit \$3 with (coating or surface or layer))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 14:52
L19	23	18 and @rlad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 14:52
L20	47	18 and @ad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 14:52
L21	48	19 20	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 14:52
L22	42	(US-20050065599-\$ or US-20080086202-\$ or US-20020183840-\$ or US-20030114925-\$ or US-20030078652-\$ or US-20030157143-\$ or US-20050008562-\$ or US-20030181976-\$).did. or (US-4923465-\$ or US-6395024-\$ or US-5554186-\$ or US-6645244-\$ or US-5919226-\$ or US-5908451-\$ or US-6761736-\$ or US-6726718-\$ or US-6432135-\$ or US-5716402-\$ or US-5716400-\$ or US-5258022-\$ or US-5078739-\$ or US-5387247-\$ or US-3825957-\$ or US-6039759-\$ or US-4276658-\$ or US-4178639-\$ or US-5782910-\$ or US-6670039-\$ or US-5981827-\$ or US-5948484-\$ or US-5683757-\$ or US-6051167-\$ or US-6579833-\$ or US-6261421-\$).did. or (US-4611588-\$ or US-4731298-\$ or US-5123918-3764662-\$ or US-5123918-	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29

		\$ or US-5522886-\$ or US-6454797-\$ or US-6837903- \$).did. or (US-3546711-\$). did.				
L23	4	22 and binder	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 15:08
S1	111	623/2.27.ccls. or 623/2.28. ccls. or 623/2.29.ccls. or 623/2.3.ccls. or 623/2.31. ccls. or 623/2.32.ccls. or 623/2.33.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/13 17:34
S2	30	S1 and @rlad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/13 17:34
S3	101	S1 and @ad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/13 17:34
S4	104	S2 S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/13 17:34
S5	0	S4 and throughole	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/13 17:35
S6	0	S4 and throughhole	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/13 17:35
S7	5	S4 and (through adj hole)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/11/13 17:35
S8	17	("3546711"   "4011601"   "4123805"   "4159543"   "4451937"   "4488318"   "4775378"   "4799930").PN. OR ("4923465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/13 17:39
S9	2	"10/717,817"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/13 17:43
S10	2	"6890351".pn. or "6334872". pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/13 20:30
S11	3	"08/461,756" or "08/198,062"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/13 20:32
S12	275	623/2.2\$2.ccls. or 623/2.3. ccls. or 623/2.31.ccls. or 623/2.32.ccls. or 623/2.33. ccls. or 623/2.34.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 14:39

S13	73	S12 and @rlad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 14:47
S14	227	S12 and @ad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 14:47
S15	233	S13 S14	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 14:47
S16	93	S15 and (wash or washing)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 14:47
S17	26	S15 and ((wash or washing) with (hinge or ear))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 14:47
S18	3	"08/898,144"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:04
S19	376	623/2.2\$2.ccls. or 623/2.3. ccls. or 623/2.31.ccls. or 623/2.32.ccls. or 623/2.33. ccls. or 623/2.34.ccls. or 623/2.42.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:05
S20	113	S19 and @rlad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:06
S21	297	S19 and @ad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:06
S22	313	S20 S21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:06
S23	6	S22 and (pyrolytic with carbon) and (carbon with (fiber or nanofiber))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:07
S24	11	S22 and (carbon with (fiber or nanofiber))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:07
S25	21	S22 and (pyrolytic with carbon) and ( (fiber or nanofiber))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:07
S26	3	\$22 and (basal with (plane or domain))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:08
S27	14	S22 and (align\$3 with ( basal or plane or domain))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:08

S28	41	S23 or S24 or S25 or S26 or S27	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:09
S29	26	S15 and ((wash or washing) with (hinge or ear))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 15:12
S30	41	S23 or S24 or S25 or S26 or S27	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 15:12
S31	11	S22 and (carbon with (fiber or nanofiber or filament))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:43
S32	11	S22 and ((carbon or graphit \$4) with (fiber or nanofiber or filament))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:43
S33	67	S22 and (fiber or nanofiber or filament)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:44
S34	56	S33 not S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:48
S35	26	S34 and (carbon or pyrolytic or graphit\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 15:51
S36	11	S22 and (carbon with (fibre or nanofiber or filament))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 16:13
S37	4	"6039759".pn. or "4276658". pn. or "4178639".pn. or "3685059".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/28 18:51
S38	299	(carbon adj (nanofiber or fiber or fibre)) and (heart adj valve)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:30
S39	24	(carbon adj (nanofiber or fiber or fibre)) and (heart adj valve).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:30
S40	146	S38 and @rlad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:31
S41	133	S38 and @ad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:31
S42	191	S40 S41	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:31
S43	12	S39 and @rlad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:31

S44	17	S39 and @ad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:31
S45	17	S43 S44	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:31
S46	6	(carbon adj (nanofiber)) and (heart adj valve)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:34
S47	2016	(carbon adj (nanofiber))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:35
S48	389	S47 and @rlad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:35
S49	610	S47 and @ad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:35
S50	111	((carbon adj (nanofiber or fiber or fibre)) with (reinforc \$5 or composite)) and (heart adj valve)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:36
S51	42	S50 and @rlad< "20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:39
S52	60	S50 and @ad<"20031120"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:39
S53	66	S51 S52	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:39
S54	54	S53 not S45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:40
S55	5	"3932898".pn. or "5326372". pn. or "6199278".pn. or "6051167".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/29 09:56

## 4/29/09 3:23:49 PM

 $C:\ \ Documents\ \ and\ \ Settings\ \ \ CMiller 2\ \ \ My\ \ Documents\ \ \ EAST\ \ \ \ \ Workspaces\ \ \ 10717817.wsp$